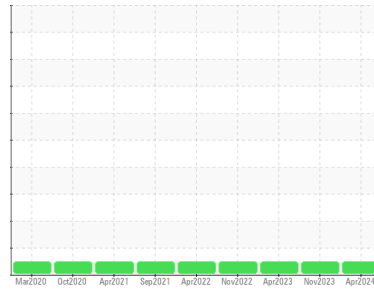




# COOLANT REPORT

Machine Id  
**Grand Blanc CAT 6 GBLM06BE**  
 Component  
**Auxiliary Circuit Coolant**  
 Fluid  
**CHEVRON HEAVY DUTY PF COOLANT (--- GAL)**

### Sample Rating Trend



**NORMAL**



### DIAGNOSIS

#### Recommendation

The fluid is suitable for further service. ( Customer Sample Comment: 6 aux sample 6mo )

#### Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

#### Contaminants

There is no indication of any contamination in the coolant.

#### Coolant Condition

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

### SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0905666</b>	WC0870120	WC0795329
Sample Date	Client Info		<b>04 Apr 2024</b>	06 Nov 2023	03 Apr 2023
Machine Age	hrs	Client Info	<b>92811</b>	89326	84594
Oil Age	hrs	Client Info	<b>12520</b>	9035	4303
Oil Changed		Client Info	<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

### PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		<b>---</b>	---	---
Specific Gravity	*ASTM D1298		<b>1.065</b>	1.065	1.065
pH	Scale 0-14	ASTM D1287 10.5	<b>7.82</b>	8.38	8.41
Nitrites	ppm	AP-053:2009 >800	<b>1164</b>	1200	1312
Reserve Alkalinity	Scale 0-20	*ASTM D1121	<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321 50	<b>48.5</b>	48.4	48.1
Freezing Point	°F	ASTM D3321 -37	<b>-31</b>	-31	-31
Total Dissolved Solids			<b>244.0</b>	223.0	209.0
Carboxylate			<b>n/a</b>	n/a	fail

### CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	<b>26</b>	18	63
Phosphorus	ppm	ASTM D6130 0	<b>7</b>	8	18
Boron	ppm	ASTM D6130	<b>306</b>	288	519
Molybdenum	ppm	ASTM D6130	<b>180</b>	150	254

### CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	<b>0</b>	0	<1
Aluminum	ppm	ASTM D6130 >10	<b>0</b>	0	0
Copper	ppm	ASTM D6130 >10	<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D6130 >10	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D6130 >10	<b>&lt;1</b>	2	0
Zinc	ppm	ASTM D6130	<b>2</b>	1	1

### CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	<b>10</b>	10	26

### CARRIER SALTS

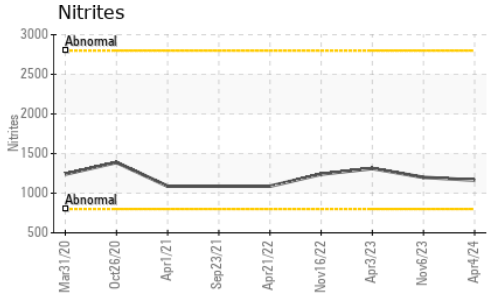
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	<b>2171</b>	1749	2816
Potassium	ppm	ASTM D6130	<b>33</b>	31	96





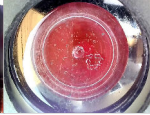

### SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	<b>4</b>	5	7
Magnesium	ppm	ASTM D6130	<b>0</b>	1	<1

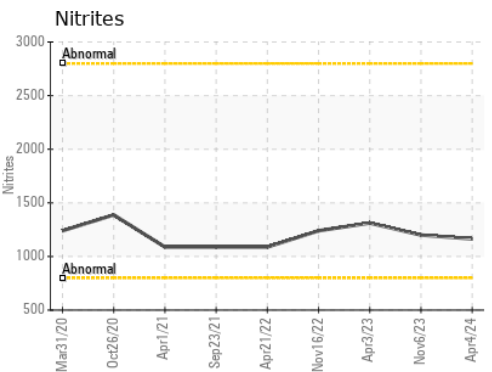
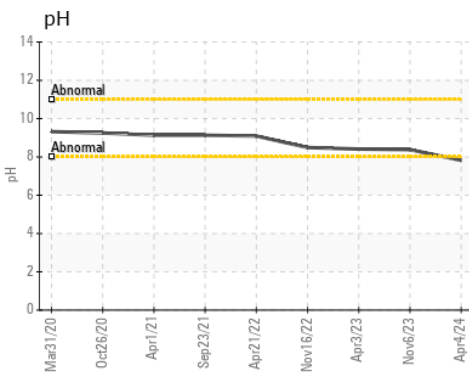
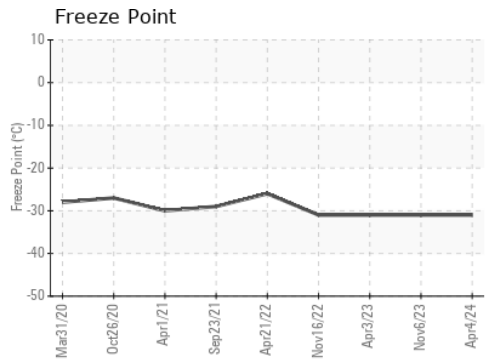
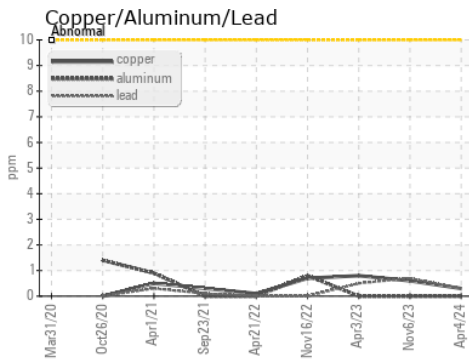
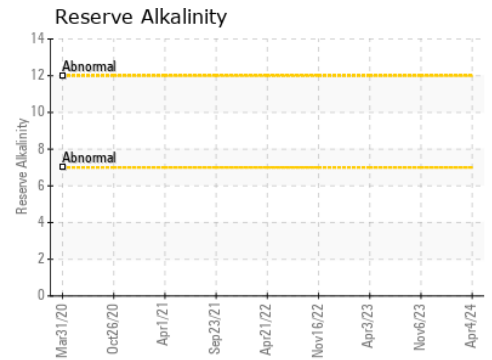
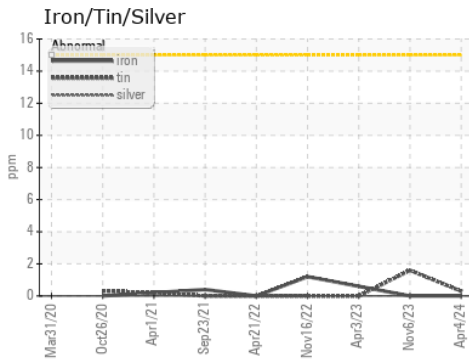


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual	Grn/Prpl	<b>Pink</b>	Pink	Pink
Coolant Appearance	*Visual	Clear	<b>normal</b>	normal	normal
Color					
Bottom					

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : WC0905666

**Lab Number** : 06144798

**Unique Number** : 10969606

**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP )

**Received** : 10 Apr 2024

**Tested** : 16 Apr 2024

**Diagnosed** : 16 Apr 2024 - Jonathan Hester

**EDL NA Recips-Grand Blanc**

Grand Blanc Powerstation, 2361 West Grand Blanc Road

Grand Blanc, MI

US 48439

Contact: Tony Saint Marie

tony.saintmarie@edlenergy.com

T:

F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)